

REMARKS

Forty-three claims were originally filed in the present Application. Claims 1-43 currently stand rejected. Claims 1, 7, 21, 27, 42 and 43 are amended, and claims 4 and 24 are cancelled herein. In addition, new claims 44 and 45 are added herein. Reconsideration of the Application in view of the foregoing amendments and the following remarks is respectfully requested.

35 U.S.C. § 103

In paragraph 3 of the Office Action, the Examiner rejects claims 1-9, 21-29, and 42-43 under 35 U.S.C. § 103 as being unpatentable over U.S. Patent Application No. 2003/0037158 to Yano et al. (hereafter Yano) in view of U.S. Patent Application No. 2001/0010059 to Burman et al. (hereafter Burman), and further in view of U.S. Patent No. 6,065,059 to Shieh et al. (hereafter Shieh). The Applicants respectfully traverse these rejections for at least the following reasons.

Applicants maintain that the Examiner has failed to make a *prima facie* case of obviousness under 35 U.S.C. § 103(a) which requires that three basic criteria must be met, as set forth in M.P.E.P. §2142:

"First, there must be some suggestion or motivation, either in the references themselves or in the knowledge generally available to one of ordinary skill in the art, to modify the reference or to combine reference teachings. Second, there must be a reasonable expectation of success. Finally, the prior art reference (or references when combined) must teach or suggest all the claim limitations."

The initial burden is therefore on the Examiner to establish a *prima facie* case of obviousness under 35 U.S.C. § 103(a).

Regarding the Examiner's rejection of independent claims 1, 21, 42, and 43, Applicants respond to the Examiner's §103 rejection as if applied to amended independent claims 1, 21, 42, and 43, which are now amended to recite "*said transfer manager providing transfer options on a user interface of said source device, said system user interactively manipulating said transfer data using said transfer options to change said transfer duration of said data transfer operation into an acceptable time period under current transfer conditions,*" which are limitations that are not taught or suggested either by the cited references, or by the Examiner's citations thereto.

The Examiner cites a new primary reference to Yano in support of the foregoing rejections. Yano teaches adjusting the "*transfer rate*" to optimize data transfers from a source to a destination based upon the current volume of transfer data that is still in transit (see paragraph 007). However, Applicants submit that Yano nowhere discloses "*said system user manipulating said transfer data using said transfer options to change said transfer duration . . .*," as claimed by Applicants (emphasis added).

The Examiner concedes that "Yano fails to teach determining a transfer duration" Applicants concur. The Examiner then points to Burman to purportedly remedy the foregoing defects. Burman teaches a "server" of a computer network that pushes information to a network device (destination) at the request of the network device (see Abstract). The data flow of Burman is therefore

from server to device and is initiated by the destination device. In contrast, Applicants claim a source “digital camera device” that utilizes a “transfer manager” to initiate and control a transfer of image data to a “destination device” that may be implemented as “an image station website”.

Applicants submit that their claimed “digital camera device” is not analogous to the “server” taught by Burman. Applicants also maintain that Burman teaches a data flow that is directly opposite from the data flow from camera to website as disclosed and claimed by Applicants. In addition, Applicants claim a data transfer that is initiated and controlled by the source device (digital camera). Burman teaches a “pull” operation, while Applicants teach a “push” operation. Applicants therefore submit that Burman teaches away from their claimed invention. A prior art reference which teaches away from the presently claimed invention is “strong evidence of nonobviousness.” In re Hedges, 783 F.2d 1038, 228 U.S.P.Q. 2d 685 (Fed. Cir. 1987).

In addition, the Examiner points to Shieh to further support the rejection of claims 1-9, 21-29, and 42-43. Shieh teaches providing data from a server to a requesting client, subject to certain “established limits” (see column 2, lines 6-13). Therefore, as in the Burman reference, Shieh teaches a pull operation, while Applicants disclose a push operation. In particular, Applicants claim a data transfer that is initiated and controlled by the source device (digital camera).

Applicants therefore submit that Shieh teaches away from their claimed invention. A prior art reference which teaches away from the presently claimed invention is “strong evidence of nonobviousness.” In re Hedges, 783 F.2d 1038,

228 U.S.P.Q. 2d 685 (Fed. Cir. 1987). Applicants respectfully submit that since Burman and Shieh teach away from Applicants' invention, as discussed above, the combination of Yano, Burman, and Shieh could not result in Applicants' invention. Furthermore, as discussed above, Applicants submit that none of the cited references disclose the limitations of "said system user manipulating said transfer data using said transfer options to change said transfer duration . . . ," as claimed by Applicants.

With further regard to claim 43, "means-plus-function" language is utilized to recite certain elements and functionality. The Courts have frequently held that "means-plus-function" language, such as that of claim 43, should be construed in light of the Specification. More specifically, means-plus-function claim elements should be *construed to cover the corresponding structure, material or acts described in the specification*, and equivalents thereof. Applicants respectfully submit that, in light of the substantial differences between the teachings of the cited references and Applicants' invention as disclosed in the Specification, claim 43 is therefore not anticipated or made obvious.

In addition, claims 8 and 28 recite "*said one or more transfer option fields include a perform transfer option, a cancel transfer option, a postpone transfer option, a change transfer-mode option, and an alter transfer-data option, said alter transfer-data option including a reduce data-size option, an increase data-size option, a crop image option, a reduce image-resolution option, an increase image-resolution option, and a compress data option.*" Applicants submit that the cited references fail to disclose the utilization of transfer option fields that are

implemented in any manner that is similar to those techniques disclosed and claimed by Applicants.

Regarding the Examiner's rejection of dependent claims 2-9 and 22-29, for at least the reasons that these claims are directly or indirectly dependent from respective independent claims whose limitations are not identically taught or suggested, the limitations of these dependent claims, when viewed through or in combination with the limitations of the respective independent claims, are also not identically taught or suggested. Applicants therefore respectfully request reconsideration and allowance of dependent claims 2-9 and 22-29 so that these claims may issue in a timely manner.

For at least the foregoing reasons, the Applicants submit that claims 1-9, 21-29, and 42-43 are not unpatentable under 35 U.S.C. § 103 over the cited references, and that the rejections under 35 U.S.C. § 103 are thus improper. The Applicants therefore respectfully request reconsideration and withdrawal of the rejections of claims 1-9, 21-29, and 42-43 under 35 U.S.C. § 103.

In paragraph 4 of the Office Action, the Examiner rejects claims 10-11 and 30-31 under 35 U.S.C. § 103 as being unpatentable over Yano, Burman and Shieh, and further in view of U.S. Patent No. 5,774,583 to Sasaki et al. (hereafter Sasaki). The Applicants respectfully traverse these rejections for at least the following reasons.

Regarding the Examiner's rejection of dependent claims 10-11 and 30-31, for at least the reasons that these claims are directly or indirectly dependent from

respective independent claims whose limitations are not identically taught or suggested, the limitations of these dependent claims, when viewed through or in combination with the limitations of the respective independent claims, are also not identically taught or suggested. Applicants therefore respectfully request reconsideration and allowance of dependent claims 10-11 and 30-31 so that these claims may issue in a timely manner.

Furthermore, the Court of Appeals for the Federal Circuit has held that “obviousness cannot be established by combining the teachings of the prior art to produce the claimed invention, absent some teaching, suggestion, or incentive supporting the combination.” In re Geiger, 815 F.2d 686, 688, 2 U.S.P.Q.2d 1276, 1278 (Fed. Cir. 1987). As discussed above, Burman teaches away from Applicants’ claimed invention. Applicants therefore submit that the cited references do not suggest a combination that would result in Applicants’ invention, and therefore the obviousness rejections under 35 U.S.C §103 are improper.

For at least the foregoing reasons, the Applicants submit that claims 10-11 and 30-31 are not unpatentable under 35 U.S.C. § 103 over the cited references, and that the rejections under 35 U.S.C. § 103 are thus improper. The Applicants therefore respectfully request reconsideration and withdrawal of the rejections of claims 10-11 and 30-31 under 35 U.S.C. § 103.

In paragraph 5 of the Office Action, the Examiner rejects claims 12-19 and 32-39 under 35 U.S.C. § 103 as being unpatentable over Yano, Burman, Shieh,

and Sasaki, and further in view of JP Patent Application No. 09-060776 to Norio et al. (hereafter Norio). The Applicant respectfully traverses these rejections for at least the following reasons.

Applicant maintains that the Examiner has failed to make a *prima facie* case of obviousness under 35 U.S.C. § 103(a). As discussed above, for a valid *prima facie* case of obviousness under 35 U.S.C. § 103(a), the prior art references when combined must teach or suggest all the claim limitations." The initial burden is on the Examiner to establish a *prima facie* case of obviousness under 35 U.S.C. § 103(a).

Applicants respectfully traverse the Examiner's assertion that modification of the device of Yano according to the teachings of Burman, Shieh, Sasaki and Norio would produce the claimed invention. Applicants submit that cited references fail to teach a substantial number of the claimed elements of the present invention. Furthermore, Applicants also submit that neither Yano, Burman, Shieh, Sasaki, nor Norio contain teachings for combining the cited references to produce the Applicants' claimed invention. The Applicants therefore respectfully submit that the obviousness rejections under 35 U.S.C §103 are improper.

Further regarding the Examiner's rejection of dependent claims 12-19 and 32-39, for at least the reasons that these claims are directly or indirectly dependent from respective independent claims whose limitations are not identically taught or suggested, the limitations of these dependent claims, when

viewed through or in combination with the limitations of the respective independent claims, are also not identically taught or suggested.

In addition, claims 18 and 48 are amended herein to recite “*said transfer options include a perform transfer option, a cancel transfer option, a postpone transfer option, a change transfer-mode option, and an alter transfer-data option, said alter transfer-data option including a reduce data-size option, an increase data-size option, a crop image option, a reduce image-resolution option, an increase image-resolution option, and a compress data option.*” Applicants submit that the cited references fail to disclose the utilization of transfer option fields that are implemented in a manner that is similar to that disclosed and claimed by Applicants.

For at least the foregoing reasons, the Applicants submit that claims 12-19 and 32-39 are not unpatentable under 35 U.S.C. § 103 over the cited references, and that the rejections under 35 U.S.C. § 103 are thus improper. The Applicants therefore respectfully request reconsideration and withdrawal of the rejections of claims 12-19 and 32-39 under 35 U.S.C. § 103.

In paragraph 6 of the Office Action, the Examiner rejects claims 20 and 40 under 35 U.S.C. § 103 as being unpatentable over Yano, Burman, Shieh, and further in view of U.S. Patent No. 6,078,919 to Ginzburg et al. (hereafter Ginzburg). The Applicant respectfully traverses these rejections for at least the following reasons.

Regarding the Examiner's rejection of dependent claims 20 and 40, for at least the reasons that these claims are directly or indirectly dependent from respective independent claims whose limitations are not identically taught or suggested, the limitations of these dependent claims, when viewed through or in combination with the limitations of the respective independent claims, are also not identically taught or suggested. Applicants therefore respectfully request reconsideration and allowance of dependent claims 20 and 40 so that these claims may issue in a timely manner.

Also with regard to claims 20 and 40, the Examiner states that "[i]t would have been obvious to one in the ordinary skill in the art . . . to incorporate wherein said system user specifies an optimal value for said transfer duration. . . to deliver data over a wide variety of different types of network"

Applicants respectfully submit that a *general restatement of the advantages disclosed by the Applicants* deriving from implementation of the present invention cannot act as the required teaching or suggestion to combine cited references for a proper rejection under 35 U.S.C. § 103. Courts have repeatedly held that "it is impermissible . . . simply to engage in *hindsight reconstruction* of the claimed invention, using the Applicants' structure as a template and selecting elements from references to fill in the gaps." In re Gorman, 18 USPQ 1885, 1888 (CAFC 1991).

For at least the foregoing reasons, the Applicants submit that claims 20 and 40 are not unpatentable under 35 U.S.C. § 103 over the cited references, and that the rejections under 35 U.S.C. § 103 are thus improper. The Applicants

therefore respectfully request reconsideration and withdrawal of the rejections of claims 20 and 40 under 35 U.S.C. § 103.

In paragraph 7 of the Office Action, the Examiner rejects claim 41 under 35 U.S.C. § 103 as being unpatentable over Yano, Burman, Shieh, and further in view of U.S. Patent No. 6,512,778 to Jones et al. (hereafter Jones). The Applicant respectfully traverses these rejections for at least the following reasons.

Applicant maintains that the Examiner has failed to make a *prima facie* case of obviousness under 35 U.S.C. § 103(a). As discussed above, for a valid *prima facie* case of obviousness under 35 U.S.C. § 103(a), the prior art references when combined must teach or suggest all the claim limitations." The initial burden is on the Examiner to establish a *prima facie* case of obviousness under 35 U.S.C. § 103(a).

Regarding the Examiner's rejection of dependent claim 41, for at least the reasons that this claim is directly or indirectly dependent from a respective independent claim whose limitations are not identically taught or suggested, the limitations of this dependent claim, when viewed through or in combination with the limitations of the respective independent claim, are also not identically taught or suggested. Applicants therefore respectfully request reconsideration and allowance of dependent claim 41 so that this claim may issue in a timely manner.

In addition, the Examiner concedes that Yano, Burman, and Shieh "fails to teach the step of entering a hint mode" Applicants concur. The Examiner then points to Jones to purportedly remedy these defects. As discussed above in

conjunction with the rejections of claims 1 and 21, both Burman and Shieh teach away from Applicants' invention. A prior art reference which teaches away from the presently claimed invention is "strong evidence of nonobviousness." In re Hedges, 783 F.2d 1038, 228 U.S.P.Q. 2d 685 (Fed.Cir. 1987). Applicants submit that since Burman and Shieh teach away from Applicants' invention, the combination of Jones and the other cited references would not result in Applicants' invention.

For at least the foregoing reasons, the Applicants submit that claim 41 is not unpatentable under 35 U.S.C. § 103 over the cited references, and that the rejections under 35 U.S.C. § 103 are thus improper. The Applicants therefore respectfully request reconsideration and withdrawal of the rejections of claim 41 under 35 U.S.C. § 103.

New Claims

The Applicants herein submit additional claims 44 and 45 for consideration by the Examiner in the present Application. The new claims 44 and 45 recite specific detailed embodiments for implementation and utilization of Applicants' image pump, as disclosed and discussed in the Specification. Applicants submit that newly-added claims 44 and 45 contain a number of limitations that are not taught or suggested in the cited references. Applicants therefore respectfully request the Examiner to consider and allow new claims 44 and 45, so that these claims may issue in a timely manner.

Examiner Interview Summary

On December 14, 2005, Applicants' representative, Gregory Koerner, held an Examiner's Interview with Examiner Djenane Bayard to discuss various differences between the cited references and Applicants' claimed invention. Applicants argued that none of the cited references teach "*said transfer manager providing transfer options on a user interface of said source device, said system user interactively manipulating said transfer data using said transfer options to change said transfer duration of said data transfer operation into an acceptable time period under current transfer conditions,*" as claimed by Applicants.

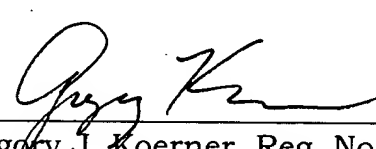
Summary

Applicants submit that the foregoing amendments and remarks overcome the Examiner's rejections under 35 U.S.C. §103. Because the cited references, or the Examiner's citations thereto, do not teach or suggest the claimed invention, and in light of the differences between the claimed invention and the cited prior art, Applicants therefore submit that the claimed invention is patentable over the cited art, and respectfully request the Examiner to allow claims 1-45 so that the present Application may issue in a timely manner. If there are any questions concerning this amendment, the Examiner is invited to contact the Applicants' undersigned representative at the number provided below.

Respectfully submitted,

Date: 12/22/05

By: _____


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